



3" PVC Rain Barrel Diverter with 1.25" outlet



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[VIEW IN BROWSER](#)

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Summary

This is an automatic overflow Rain Barrel Diverter for 3" PVC Pipe with a 1.25" side take-off that fits 1.25" sewer...

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[rainwaterdiverter](#) [waterdiverter](#)

This is an automatic overflow Rain Barrel Diverter for 3" PVC Pipe with a 1.25" side take-off that fits 1.25" sewer pump drain hose. My rain barrel had an opening that fits 1.25" hose and I couldn't find a design that used 3" PVC.

Water flows to the lower cone and overflows to the side take-off which is positioned just above the height of the rain barrel. When the rain barrel fills-up water will back-up into the rain diverter and flow over the upper cone and down the middle of the diverter.

Untested in a real rainfall . . . just in the sink! I will update when I get the first rain-fall :-)

Only needs support for the bottom cone inner ledge and the side-tube. Depending on your printer overhang ability, you may need supports inside the tube as well. the upper cone does-not need supports.

It's a long print - I used .3mm layer height and it's about 9-hours.

It is a good fit on 3" PVC pipe. Could be water proofed with glue - but I don't think it needs to be waterproof.

[Buy me a Beer!](#)

Print Settings

Printer Brand:

Prusa

Printer:

I3 MK3S

Rafts:

No

Supports:

Yes

Resolution:

.3

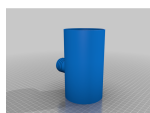
Infill:

20

Filament: Overture PETG Green

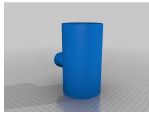
Category: Outdoor & Garden

This remix is based on



3" PVC Rain Barrel Diverter with 1.25" outlet

by mikesshopworks



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Model files



diverter_rev_1.stl

[Find source .stl files on Thingiverse.com](#)

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